

FEB 19 1982

DMS 2055

MCDONNELL DOUGLAS

CORPORATION

U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS

FORM NO. OSHA-20 (MODIFIED)
MAY 1971

MDC CONTROL NO. _____

MATERIAL SAFETY DATA SHEET

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME <i>AMERICAN REINFORCED PLASTICS</i>		EMERGENCY TELEPHONE NO. <i>213-247-6210</i>
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) <i>5121 SAN FERNANDO RD. WEST, LOS ANGELES, CALIF. 90039</i>		
CHEMICAL NAME AND SYNONYMS <i>Phenolic Resin</i>	TRADE NAME AND SYNONYMS <i>ADLOCK - 851 (DMS 2055)</i>	
CHEMICAL FAMILY <i>Phenolic</i>	FORMULA <i>High Polymer on woven fiberglass</i>	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS <i>Ethyl & isopropyl alcohol</i>	<i>< 7%</i>		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS <i>(None)</i>					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

SECTION III: PHYSICAL DATA

BOILING POINT (°F) <i>Decomposes</i>	N/A	SPECIFIC GRAVITY (H ₂ O = 1)	N/A
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	<i>< 7%</i>
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	<i>Insoluble</i>		

APPEARANCE AND ODOR *Brown resin impregnated on glass cloth.*

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) <i>N/A</i>	FLAMMABLE LIMITS <i>N/A</i>	LeI <i>N/A</i>	UeI <i>N/A</i>
EXTINGUISHING MEDIA <i>Water, CO₂, or dry chemical powder</i>			
SPECIAL FIRE FIGHTING PROCEDURES <i>None</i>			

UNUSUAL FIRE AND EXPLOSION HAZARDS *None*

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

BOE-C6-0189604

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Unknown

EFFECTS OF OVEREXPOSURE

Irritating to eyes and nose

EMERGENCY AND FIRST AID PROCEDURES

Remove to fresh air. Flush eyes with plenty of water (15 minutes). Obtain medical attention. Wash skin areas with soap and water.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID Elevated temperature will cause gelation or solidification
	STABLE		

INCOMPATIBILITY (MATERIALS TO AVOID)

Acids

HAZARDOUS DECOMPOSITION PRODUCTS

Phenols and aldehydes and steam

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	Excessive heat

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

None. No hazard - it is solid.

WASTE DISPOSAL METHOD

Bury in sanitary land fill.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

N/A

VENTILATION	LOCAL EXHAUST Preferred	SPECIAL Explosion proof type
	MECHANICAL (GENERAL) Acceptable	OTHER

PROTECTIVE GLOVES

Rubber or poly

EYE PROTECTION

Splash goggles

OTHER PROTECTIVE EQUIPMENT

Suggest protective skin creams.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store at recommended refrigerated temperature.

OTHER PRECAUTIONS

See product bulletin.

W. J. Dewar, Mfg. Services Manager
PREPARED BY

1/23/73
DATE